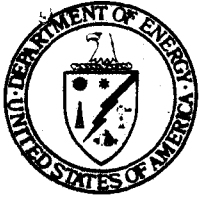


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Department of Energy

ROCKY FLATS OFFICE
P.O. BOX 928
GOLDEN, COLORADO 80402-0928

AUG 20 1990

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Mr. Martin Hestmark, Project Manager
U. S. Environmental Protection Agency, Region VIII
999 18th Street, Suite 500, 8 WM-C
Denver, Colorado 80202-2405

Mr. Gary Baughman, Unit Manager
Hazardous Waste Facilities
Colorado Department of Health
4210 East 11th Avenue
Denver, Colorado 80220

Gentlemen:

As discussed during the July 24, 1990 meeting between representatives of the Department of Energy Rocky Flats Office (DOE RFO), EG&G Rocky Flats Inc., the Environmental Protection Agency Region VIII (EPA), and the Colorado Department of Health (CDH) this letter discusses the support DOE RFO can provide to the EPA and CDH data management effort.

The Rocky Flats Environmental Data System (RFEDS) is currently being developed to provide centralized and controlled database support for environmental characterization and remediation being conducted at the Rocky Flats Plant (RFP). RFEDS is essentially an interactive "shell" providing query and reporting capabilities to an ORACLE relational database. RFEDS is currently operational at one station at RFP with additional stations planned as early as November 1990. Future phases of RFEDS implementation includes integration of two and three dimensional Geographic Information Systems.

At this time RFEDS is designed to manage analytical data collected since 1986 from surface water, ground water, and soil sampling. Verification of this historical data for completeness and correct data entry is ongoing and is not expected to be completed until January, 1991. Currently, analytical data is being uploaded directly from subcontractor laboratories as well as after the data validation process. It is anticipated that within the next year historical data will be entered into RFEDS to the extent that the information supports source characterization and potential environmental impacts. Quality control procedures are scheduled to be developed within the next three months that will provide users with information regarding the quality of historical data. Analytic QA/QC qualifiers are assigned to ongoing monitoring data and are currently incorporated into RFEDS.

Security considerations prevent a direct offsite connection to the RFEDS system. Therefore online EPA and CDH access to the RFP database must be limited to onsite RFEDS installations and will be available as early as November 1990. If this option is desired, it will be necessary for EPA and CDH to procure an IBM PC or PC compatible system (386sx minimum recommended processor, 4 megabytes of RAM and 80 megabytes of disk storage required), an ethernet card, and a copy of ORACLE (with SQL*net and SQL Tools) for each desired RFEDS onsite installation.

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M. Hestmark & G. Baughman

-2-

Alternatively, DOE RFO can provide data diskettes directly to EPA and CDH in a format acceptable to the resident database (EPA and CDH may wish to consider purchasing/leasing the "RFEDS" software from the IT Corporation for offsite stations). DOE RFO will coordinate with EPA and CDH on developing a format acceptable to any one of the Technical Information Systems proposed in the Options Analysis for a Rocky Flats Information System (June, 1990). The requested data dictionary will be available by the end of August and will be submitted to you at that time. Surface water, ground water, and soils analytical data collected since 1986 can be supplied to EPA and CDH after the data has undergone internal database verification. Verification is scheduled for completion by January 15, 1991. Surface water, ground water and soils analytical data derived from ongoing sampling will be provided to EPA and CDH after the data has undergone laboratory data validation and verification of data entry.

We suggest periodic meetings starting in mid-September between appropriate DOE RFO, EG&G Rocky Flats, EPA, and CDH staff to coordinate inter-agency data management.

Please feel free to contact me or have your staff contact Scott Grace of my staff at 966-7199 if you have any questions.

Sincerely,



David P. Simonson, Acting Assistant Manager
for Environmental Management

cc:

E. Evered, EG&G/RF
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